

COOL FLAT 4X4 TIMBER SALE

May 21, 2007 Land Board

Location of Sale:

- Lincoln Office of the Clearwater Unit (SWLO) – Approximately 1-3 miles east of Lincoln, Montana.
- Lewis and Clark County – Sections 8, 16, 19, and 22, T14N-R8W
- 45% Public Buildings Trust, 16% School for the Deaf & Blind Trust, and 39% Common Schools Trust by acres treated.
- This proposed sale is located within a wildland/urban interface area.

Sale Volume & Estimated Value:

- The estimated sale volume is 14,989 tons (2,288 MBF) with an estimated minimum bid value of \$389,643.00 or \$26.00/ton.
- In addition to the estimated stumpage value, a fee of \$2.48/ton for Forest Improvement will be charged for all merchantable sawlog timber harvested.
- 6.55 tons/MBF is the conversion factor.

Sale & Harvest Treatments:

- The sale includes 10 harvest units totaling 320 acres.
- The proposed silvicultural treatment is a commercial thin/sanitation harvest designed to emulate low to mixed severity fire regimes. This harvest treatment is intended to improve timber stand growth and vigor, reduce the risk of wildfire in the wildland/urban interface, address insect and disease outbreaks, and maintain seral species such as Ponderosa pine and western larch.
- No old growth stands would be harvested.

Harvest Systems:

- 100% tractor

Road Construction:

- Access to the sale is across existing roads and a short segment of road to be constructed. There are 0.54 miles of new road construction and 0.48 miles of an old existing road that would be obliterated. All other existing roads used for this sale would be brought up to current BMP's.

Public Involvement:

- Public involvement was solicited through legal notices published in the local newspapers and posted at the Lincoln Post Office. Letters were sent to adjacent landowners and other known interested parties and organizations. Management issues and concerns were identified by public comments, DNRC specialists, and field foresters. Issues and concerns have been resolved through mitigation or project design.

Issues and Mitigations:

- **Slash** – The entire sale is within the Wildland/Urban Interface. Slash mitigations were developed and incorporated into the design of the sale to reduce fuel hazards from logging. Mitigations include whole tree skidding in some harvest

units and the removal of 95% of all logging generated slash by the Purchaser within 1000 feet of a residence.

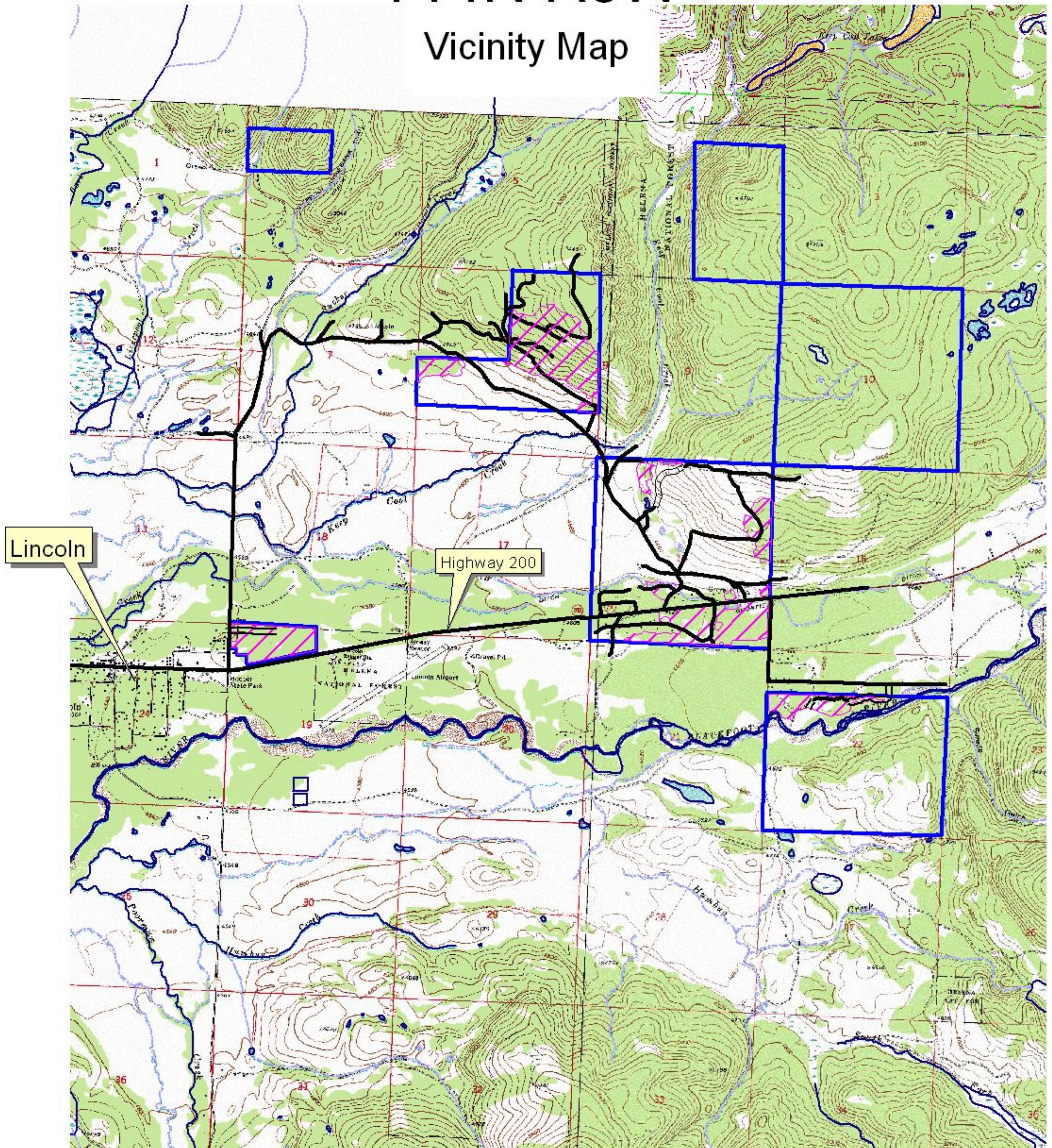
- **Streams** – The Blackfoot River is the only fish-bearing stream in close proximity to the project area. Within the project area, there would be no harvesting within 150 feet of the Blackfoot River except along one 400-foot stretch where the no-cut buffer is 100 feet. These no-cut buffers extend from the edge of the channel migration zone. In addition to these no-cut buffers, adjacent upland harvest treatments will retain approximately 40% of the basal area which provides additional benefits and protection. These no-cut buffers and the adjacent upland harvest treatments are expected to provide adequate stream shading, large woody debris recruitment, wildlife connectivity, and maintenance of other riparian functions.
- **Noxious Weeds** – This project would use an Integrated Weed Management approach to reduce noxious weeds in the area. Equipment would be cleaned prior to entering the project area, and certain harvest units have been designated to be harvested last due to the presence of weeds. Disturbed areas would be grass seeded. A licensed applicator would do weed spraying along roads in the project area after the harvest and hauling is completed. The DNRC would monitor the project area after harvest and would treat weed infestations should they occur.

The Director recommends the Land Board direct the Department to sell the Cool Flat 4 X 4 Timber Sale.

Cool Flat 4X4 Timber Sale

T14N R8W

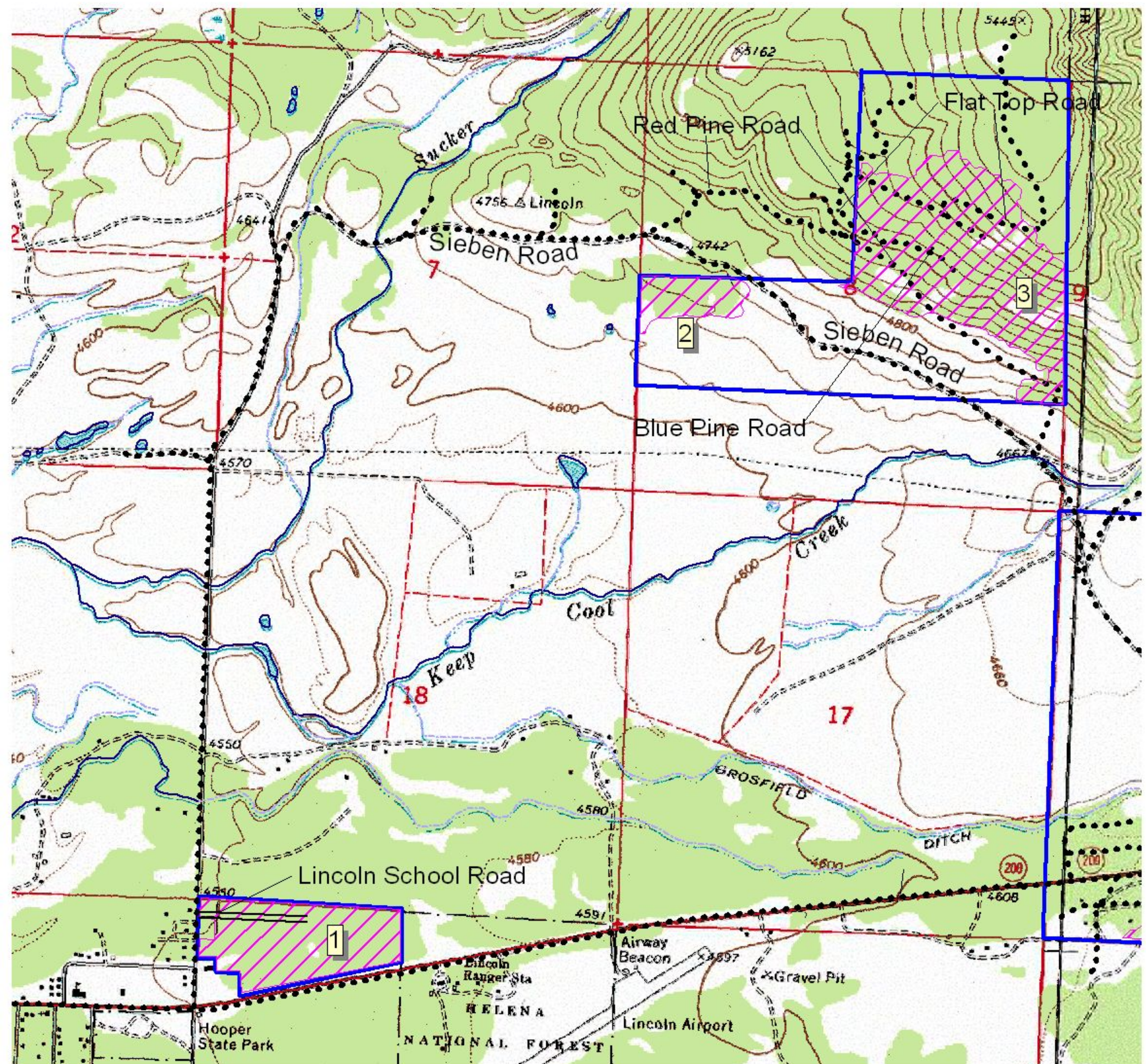
Vicinity Map



- Harvest Units
- Road Obliteration
- Road Construction
- Roads
- Harvest Units
- DNRC Property Lines

Cool Flat 4X4 Timber Sale

Sections 8 and 19 T14N R8W



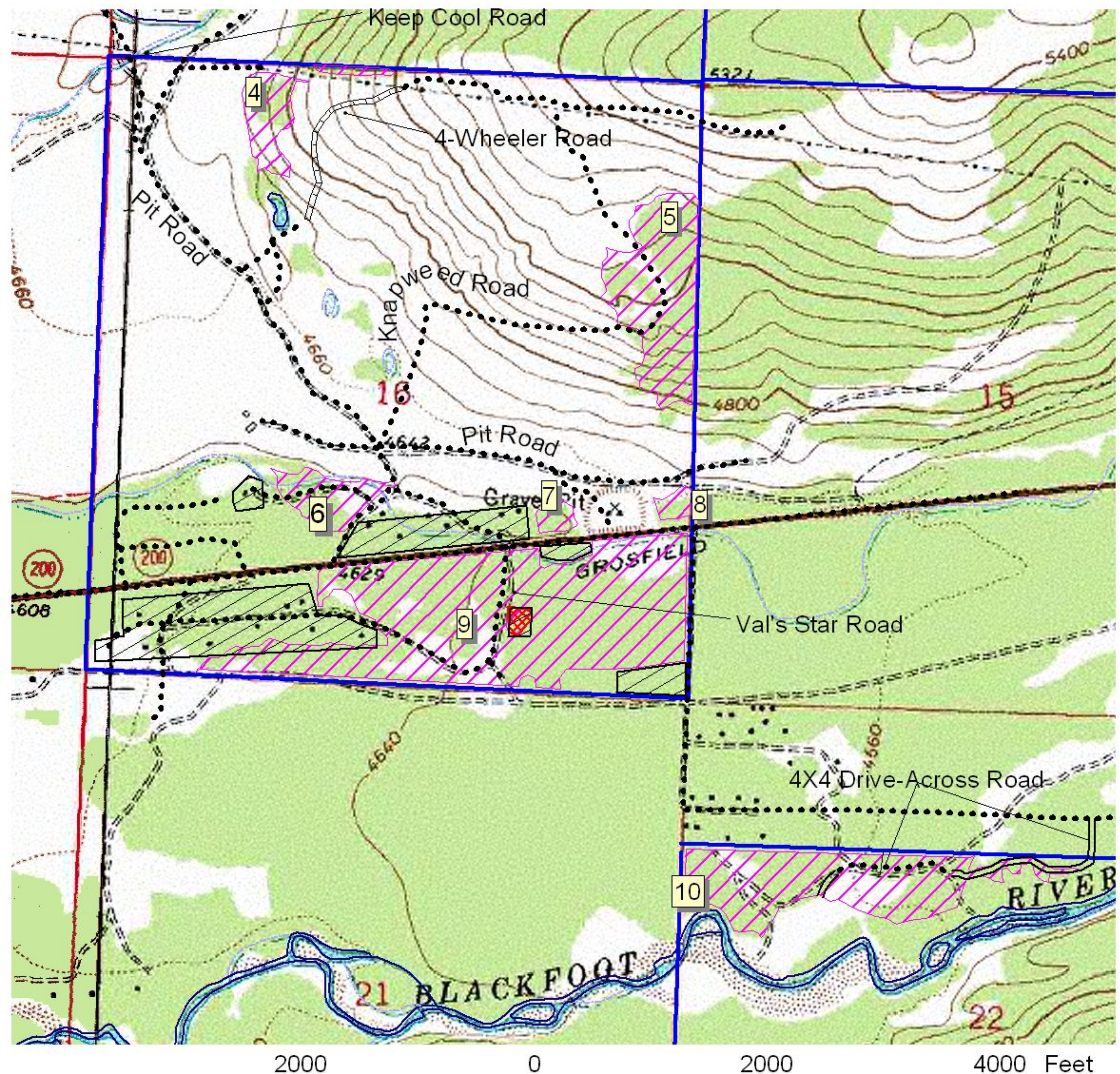
5000 0 5000 Feet

-  Harvest Units
-  Road Construction
-  Roads
-  Harvest Units
-  DNRC Property Lines



Cool Flat 4X4 Timber Sale

Sections 16 and 22 T14N R8W



- Harvest Units
- DNRC Lease Lots
- Leave island.shp
- Road Obliteration
- Road Construction
- Roads
- Harvest Units
- DNRC Property Lines

